

WHAT IS THIS?

It's a low-prep room transformation!



Use the 10 reading stations, included decor, and more for a fun & easy room transformation!

CONSTRUCTION VEHICLES

Working in construction is hard work, but one of the best parts is getting to use awesome vehicles! One useful machine is the skid-steer loader. It's often just called Bobcat. That's the name of the company that first made it. A skid-steer loader is a vehicle which means it can do many different tasks. In construction, people use it for grading and grading. Grading in construction doesn't mean grading papers! Instead, it means leveling the ground to a certain height. The Bobcat smoothes the ground. Excavation is the process of digging and removing soil to prepare a site. It's done to create space for basements or underground pipes and cables. Many people learn how to use a Bobcat.

Another company in construction is John Deere. Their slogan is, "Nothing runs like a John Deere." This slogan is memorable, and it's helped people remember them. Their biggest tractor, the John Deere 9620R tractor, is a substantial size at 25 feet long. There are so many other machines in construction. Cranes are used to lift heavy loads, like steel and concrete. Compactors, also called rollers, use heavy pressure to level surfaces, like smoothing out concrete. Dump trucks are also helpful since they carry large amounts of materials from one place to another. Learning about these vehicles is a great way to understand the hard work that goes into construction.

THE LITTLE LEARNERS

1. I am something that can do many different things. What am I?

G.
versatile

2. I am the process of digging and removing soil or rocks to prepare for building. What am I?

D.
excavation

3. I am the process of leveling or shaping the ground to make it ready for construction. What am I?

F.
grading

This themed learning day has 10 stations that all review context clues in a variety of ways. You can use 1, 5, or all 10--it's flexible!

Room transformations can be stress-free and low-prep.

Keep scrolling to learn how!



Let's start with the basics...

What is a classroom transformation?

A classroom transformation changes your room into a certain setting or theme to engage students in their own learning with rigorous content.



Donut Shop Day

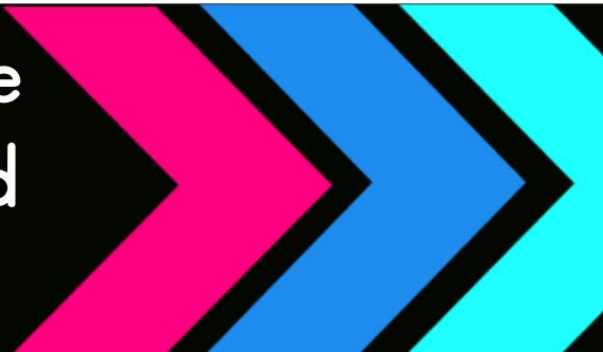


Rock Star Day



Camping Day

You don't have to spend hours of your time setting up a room transformation or spend lots of money to make it **SO MUCH FUN!**



STEP 1:

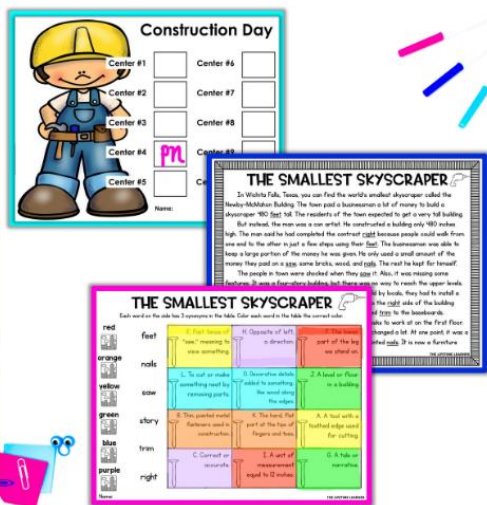
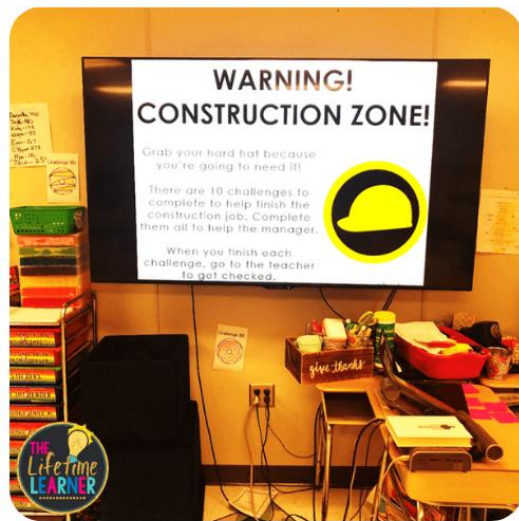
Tell your class they are construction workers today!

They will complete context clue activities set up around the room. You can do this for a day, a few days, or over the course of a week!



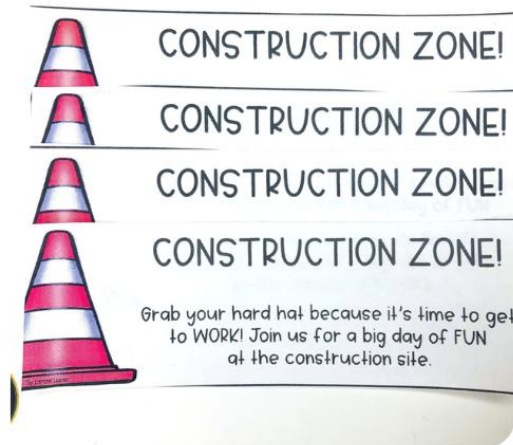
Set-up is quick and easy.

Simply print the posters, 10 activities, and a recording sheet for each student. Place them around your room and you're ready to begin!



Flexibility is key.

Need to modify? No problem! Choose how many centers students will need to complete and what time frame they have to meet YOUR needs.



STEP 2:

Let students move around the room and complete each station. They read a passage and then complete an activity to go with it. They can be completed in any order. All stations include a variety of context clue activities. You can choose just a few for students to complete or use all 10. This is up to the teacher and the amount of time you'd like to fill.

Optional Recording Sheet

When a student finishes a center, you sign that spot on their recording sheet to keep track of what they've completed.

Freedom to choose.

Students can work in partners, rotations, groups, or independently. Your choice!

Construction Day

Center #1 Center #6
Center #2 Center #7
Center #3 Center #8
Center #4 **PM** Center #9
Center #5 Center #10

Name: _____

THE SMALLEST SKYSCRAPER

In Wichita Falls, Texas, you can find the world's smallest skyscraper called the Newby-McMahon Building. The town paid a businessman a lot of money to build a skyscraper 480 feet tall. The residents of the town expected to get a very tall building. But instead, the man was a con artist. He constructed a building only 480 inches high. The man said he had completed the contract right because people could walk from one end to the other in just a few steps using their feet. The businessman was able to keep a large portion of the money he was given. He only used a small amount of the money they paid on a saw, some bricks, wood, and nails. The rest he kept for himself. The people in town were shocked when they saw it. Also, it was missing some features. It was a four-story building, but there was no way to reach the upper levels. To get to the upper levels, they had to install a set of stairs. The building was built by locals, they had to install a set of stairs on the right side of the building and trim to the baseboards. The building was built by locals, they had to install a set of stairs on the first floor. It changed a lot. At one point, it was a set of stairs. It is now a furniture.

THE SMALLEST SKYSCRAPER

Each word on the side has 3 synonyms in the table. Color each word in the table the correct color.

red	E. Past tense of "see," meaning to view something	H. Opposite of left, a direction	F. The lower part of the leg we stand on.
orange	L. To cut or make something neat by removing parts.	D. Decorative details added to something, like wood along the edges.	J. A level or floor in a building
yellow	B. Thin, pointed metal fasteners used in construction.	K. The hard, flat part at the tips of fingers and toes.	A. A tool with a toothed edge used for cutting.
green	C. Correct or accurate.	I. A unit of measurement equal to 12 inches.	G. A tale or narrative.
blue			
purple			

Name: _____

STEP 3:

When students finish all activities you've assigned, they win! You can give them the included certificate, coloring page, or a small prize of your choice.

A shopping guide is also included to give you suggestions of optional "extras" you could add in.

Remember:

Anything different from a "normal" day in the classroom is special to students! A reward at the end isn't required during a classroom transformation.



Certificate



Coloring Page



In Action Pic



Prize

STEP 4:

Most of the time, there are early finishers. These kiddos get to go around the room and read fun facts about the topic! No one is ever bored.

Choose from 3 versions!

Digital Scavenger Hunt

Let students "find" the facts on Google Slides

Printable Facts

Hang facts around room

QR Codes

Students scan to read fun facts



1

2

3

10 READING COMPREHENSION PASSAGES/ACTIVITIES:

THE SMALLEST SKYSCRAPER


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THE SMALLEST SKYSCRAPER

Each word on the side has 3 synonyms in the table. Color each word in the table the correct color.

red

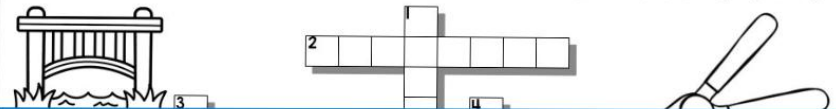
feet

	E. Past tense of "see," meaning to	H. Opposite of left, a direction.	F. The lower part of the leg
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ROBOTS IN AMSTERDAM

The world's first 3D-printed bridge was built in Amsterdam. When it was finished in 2019, it was a historic moment because it was the first structure of its kind. Instead of using regular materials like cement and steel, each part of this bridge was printed with a 3D printer and put together piece by piece. This was a first for the world.

ROBOTS IN AMSTERDAM



A PHOTO OF CONSTRUCTION HISTORY

There is a famous picture of construction workers eating lunch high up in the air, sitting on a steel beam above the city. This image was taken during the Great Depression. Many people were in a state of unemployment and could not find jobs.

In the 1930s, the construction of Rockefeller Center brought jobs and a new wave of hope to the USA. This massive building project needed hundreds of workers, providing much-needed jobs to families facing hard times. The building's owners wanted it to stand

THIS OR THAT: A PHOTO OF CONSTRUCTION HISTORY

Circle the correct answer for each question.

1. Many people were in a <u>state</u> of unemployment and could not find jobs.	a condition of how you are feeling	an area in the USA	5. With so many people in the world feeling <u>blue</u> , this picture was a reminder of the simple joys of life.	a primary color	sadness, without hope
2. In the 1930s, the construction of Rockefeller Center brought jobs and a new <u>wave</u> of hope to the USA.	moving hands side to side in greeting	a feeling that gets stronger	6. Interestingly, the image was actually a planned photo <u>shoot</u> and not a natural moment.	to take a picture quickly	to propel or move something

CONSTRUCTION WORLD RECORDS

Working in construction can mean being part of history, especially when building world records! Here are some amazing examples of record-breaking buildings.

In Dubai, in the United Arab Emirates, you'll find the Burj Khalifa, the tallest building in the world at 2,717 feet tall. It has more floors than any other building and the

CONSTRUCTION WORLD RECORDS

Match up each word with the correct definition by coloring each match a different color.

1. 	4. 		D. 	E. 
--	--	---	--	--

**focuses on:
context clues**

2 Versions of Every Passage Included for Students

PYRAMIDS IN GIZA



You can't learn about modern construction without first taking a moment to study one of the greatest building projects of all time: the Pyramids of Giza. In ancient Egypt, Pharaoh Khufu ordered the construction of a massive pyramid that would stand as a marvel for ages. The Great Pyramid he directed was the tallest structure ever built for over 3,800 years!

This pyramid was built using around 2.3 million stone blocks and still stands today. Each one was stacked to form a nearly perfect pyramid shape. The entire structure rests on a square foundation, the base that supports the weight of everything above. Having a strong foundation is important in any project. It's considered a marvel because it is almost perfectly level, which is hard to achieve even with the tools we have now. Another amazing fact is how they used the pyramid to show directions: each side of the square at the bottom of the pyramid points precisely to the north, south, east, and west. Without compasses, ancient Egyptians likely used the stars to plan the pyramid's exact placement.

Later, two other pyramids were built for Pharaoh Khafre and Pharaoh Menkaure. Many people wonder how the ancient Egyptians could have moved and lifted such heavy stone blocks without tractors, cranes, or other modern machinery. Archaeologists believe they may have created a system to slide the blocks on boards that look like sleds through the sand. This would have sped up the process and made the work easier.

PYRAMIDS IN GIZA



You can't learn about how construction began without studying one of the greatest projects of all time: the Pyramids of Giza. In ancient Egypt, Pharaoh Khufu ordered the building of a huge pyramid that would stand as a marvel for thousands of years. The Great Pyramid he created was the tallest structure in the world for over 3,800 years!

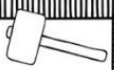
This pyramid was built with around 2.3 million stone blocks and still stands today. Each block was carefully stacked to form a perfect pyramid shape. The entire structure rests on a square foundation, the base that supports the weight of everything above. A strong foundation is important in any building. The pyramid's foundation is almost perfectly level, something hard to do even with modern tools like cranes and tractors.

Another amazing fact is how the ancient Egyptians used the pyramid to show directions: each side of the square at the bottom of the pyramid points precisely to the north, south, east, and west. Without compasses, they likely used the stars to plan the pyramid's exact placement.

Many people wonder how Egyptians moved these heavy stones without today's tools. Archaeologists think they used a system to slide the blocks on sled-like boards over the sand. Working on the pharaoh's pyramid was considered an honor, and the Pyramids of Giza still inspire us today.

THE LIFETIME LEARNER

CONSTRUCTION VEHICLES



Working in construction is hard work, but one of the best parts is getting to use some awesome vehicles! One useful machine is the skid-steer loader. It's often just called a Bobcat. That's the name of the company that first made it. A skid-steer loader is versatile, which means it can do many different tasks. In construction, people use it for excavation and grading. Grading in construction doesn't mean grading papers! Instead, it means leveling the ground to a certain height. The Bobcat smooths the ground. Excavation is the process of digging and removing soil to prepare a site. It's done to create space for basements or underground pipes and cables. Many people learn how to operate a Bobcat.

Another company in construction is John Deere. Their slogan is, "Nothing runs like a Deere." This slogan is memorable, and it's helped people remember them. Their biggest machine, the John Deere 9620Rx tractor, is a substantial size at 25 feet long.

There are so many other machines in construction. Cranes are used to lift heavy

CONSTRUCTION VEHICLES



Working in construction is a lot of hard work, but one of the best parts is getting to use some awesome vehicles! Let's take a closer look at some of the machines that make construction possible.

One very useful machine is the skid-steer loader. It's often just called a Bobcat. Even though most people call it a Bobcat, that's actually the name of the company that first made it. A skid-steer loader is versatile, which means it can do many different tasks. In construction, people use it for excavation and grading. Grading in construction doesn't mean grading papers! Instead, it means leveling the ground to a certain height. Workers decide what level they want the soil or rocks to be, and the Bobcat smooths the ground to match. Excavation, on the other hand, is the process of digging and removing soil from the ground to prepare a site for construction. In construction projects, excavation is often done to create space for basements or underground pipes and cables. If you work in construction, you will probably learn how to operate a Bobcat.

Another important company in construction is John Deere. Known all around the world, John Deere makes some of the best tractors and construction vehicles. Their slogan is, "Nothing runs like a Deere." This slogan is memorable.

Differentiate and give
your students the
version best for them!

THE CONTENT:

10 high-interest passages & activities
in 2 formats: hands-on & no prep!

Hands-On Centers

PYRAMIDS IN GIZA

You can't learn about how construction began without studying one of the greatest projects of all time: the Pyramids of Giza. In ancient Egypt, Pharaoh Khufu ordered the building of a huge pyramid that would stand as a Great Pyramid he created was the tallest structure ever built.

This pyramid was built with around 2.3 million blocks. Each block was carefully stacked to form a perfectly level, something hard to do even with modern machinery. A strong foundation is important in any building. The perfectly level, something hard to do even with modern machinery. Another amazing fact is how the ancient Egyptians used a system to slide sand. Working on the pharaoh's pyramid was so difficult that Giza still inspire us today.

1. What does the word **precisely** mean in this passage? What clues are given in the passage about its meaning? (Hint: Look at the sentence after the sentence that uses "precisely".)

In this passage, "precisely" means exactly or accurately. The following sentence gives context clues because it talks about the "exact placement" using the stars.

Write the answer on the blank lines.

2. The word **stand** has more than one meaning. What does **stand** mean in this passage, and what is another meaning of the word?

In this passage, stand means to remain in place or continue to exist. Another meaning of stand is to rise to a standing position or to be upright.

No-Prep Printables

Name: _____

PYRAMIDS IN GIZA

1. What does the word **precisely** mean in this passage? What clues are given in the passage about its meaning? (Hint: Look at the sentence after the sentence that uses "precisely".)
In this passage, "precisely" means exactly or accurately. The following sentence gives context clues because it talks about the "exact placement" using the stars.

2. The word **stand** has more than one meaning. What does **stand** mean in this passage, and what is another meaning of the word?
In this passage, stand means to remain in place or continue to exist. Another meaning of stand is to rise to a standing position or to be upright.

3. Write your own sentence using the word **archaeologist** to help other students understand its meaning.
The archaeologist carefully studied the ancient pottery pieces to learn more about the lives of people long ago.

4. What is an antonym for the word **marvel** as it's used in the passage to show what marvel does NOT mean?
An antonym for marvel could be **ordinary** or **common**.

5. What type of context clue did the author use to tell us the meaning of **foundation**? Choose between inferring, synonyms, antonyms, an example, or a definition. Then explain why.
The author uses a **definition** clue to help explain the meaning of foundation when they said the base that supports the weight of everything above.

6. How does the author's use of examples of modern technology help you understand the meaning of **modern**?
By listing out modern tools that we use today that the ancient Egyptians did not have (tractors and cranes), it helps us understand that modern refers to the present time or the tools and knowledge we have today.

Write the answers to the questions in each box in complete sentences. THE LIFETIME LEARNER

With this version, students read the passage. Then, they complete a HANDS-ON center you can laminate and re-use for years to come!

Or in this version, students read the passage. Then, they complete the activity in worksheet form. This version is NO PREP and PRINT & GO! Just as much fun as the hands-on centers!

CENTER 1

Multiple Choice

WOMEN IN CONSTRUCTION

...are doing amazing things in construction! Sometimes girls don't think of construction as an **option** because they don't see many women in that field when they're growing up. But let's break the **stereotype** that only men work in construction and learn about some incredible women in this field.

Julia Morgan was the first woman **admitted** to one of the top **architecture** schools in 1898. At that time, many women were **rejected** from architecture school. So, Julia's **acceptance** was a big deal. After she graduated, she moved to California and became the first female architect in the state.

Name: _____


WOMEN IN CONSTRUCTION

1. D	2. B	3. A	4.
5.	6.	7.	8.
9.	10.	11.	12.

THE LIFETIME LEARNER


What is the best synonym for the word **option** in the sentence "Sometimes girls don't think of construction as an **option**"?

A) chances
B) problems
C) challenges
D) choices

1. 

Which sentence uses the word **stereotype** correctly?

A) The stereotype of the plant was beautiful and colorful.
B) The stereotype that only boys like sports is not true.
C) She made a stereotype out of clay in art class.
D) The stereotype was filled with interesting books.

2. 

Hands-On Center:

Students choose A, B, C, or D on each card.

WOMEN IN CONSTRUCTION

Name: _____

1. What is the best synonym for the word **option** in the sentence "Sometimes girls don't think of construction as an **option**"?

A) chances
B) problems
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2. Which sentence uses the word **stereotype** correctly?

A) The stereotype of the plant was beautiful and colorful.
B) The stereotype that only boys like sports is not true.
C) She made a stereotype out of clay in art class.
D) The stereotype was filled with interesting books.

3. What is an acronym for **admitted** as used in "Julia Morgan was the first woman **admitted** to one of the top architecture schools"?

A) denied
B) accepted
C) allowed
D) joined

4. In the passage, why was **acceptance** a problem for women applying to architecture school?

A) They felt worried about school.
B) They couldn't get accepted into the school.
C) They would get extra help from teachers.
D) They could only take easy classes.

5. What does **acceptance** mean in the sentence, "Julia's **acceptance** was a big deal"?

A) taking something that is given
B) agreement to enter a place or state
C) refusing to join
D) ignoring something important

6. What does **loosened** mean in the sentence, "She became the first **loosened** woman architect in the state"?

A) authorized to work in a certain field
B) ignored by people
C) well-known and famous
D) new to the job

7. In the sentence, "He wanted the coffee to be a grand **cafeteria**" which description best matches **cafeteria**?

A) place to relax
B) place to work
C) place to study
D) place to cook

8. Which word is a synonym for **causing** in the sentence, "Eliot was **admitted** as their first female member in 1927"?

A) guest
B) author
C) leader
D) agent

9. What is the meaning of **pioneer** in the PASSAGE?

A) A person who traveled to new places to build homes and farms.
B) An early settler who lived in new and often difficult areas.
C) Someone who is the first to do something in a field, like art or science.
D) Someone from long ago who helped explore and settle new land.

10. Which sentence reflects Sheryl's feelings in "Sheryl was **frustrated** by how all parts of construction work together"?

A) She thought the subject was too difficult to study.
B) She wanted to avoid learning about it altogether.
C) She was angry because she understood the work areas almost a mile.
D) She was impressed.

11. What is the best synonym for **notable** as used in "Today, there are many **notable** women in construction"?

A) famous
B) unimportant
C) interesting
D) skilled

12. Which sentence does NOT show the correct meaning of **architecture** in the passage?

A) Eliot had architecture for lunch in the cafeteria today.
B) Julia knew studying architecture because she wants to design buildings.
C) The museum had an exhibit about the history of architecture.
D) Architecture is all about creating designs for different structures.

Write A, B, C, or D in each box.

THE LIFETIME LEARNER

No Prep Printable Worksheet!

CENTER 2

Crossword Puzzle

ROBOTS IN AMSTERDAM

...printed bridge was built in Amsterdam. When it was finished in 1968, it was the first **structure** of its kind. Instead of materials like cement and steel, each part of this bridge was printed with a...

...put together... because it is... Construction of this **bridge** engineers working together... been attempted before. The took **extensive** research over... be successful.

One of the most amazing sensors are placed all over... know what is going on at all... movement, and vibrations. To... how to **maintain** it, or keep it... work, but it was worth it. To... structures in ways we never...

Use the clue cards to fill in the crossword puzzle.

WORD BANK:

- breakthrough
- innovative
- sensors
- continuously
- maintain
- structure
- tirelessly
- extensive
- concept
- monitor

THE LIFETIME LEARNER

6 DOWN ↓

When something happens all the time without stopping.

10 ACROSS →

Something that is built, like a building or a bridge.

7 ACROSS →

A big and important discovery that changes how we do something.

Hands-On Center:

Students use the clue cards to fill in the crossword puzzle.

ROBOTS IN AMSTERDAM

Name: _____

Across:

1. To make sure something is working well or to keep it in good shape.
2. To watch or check something carefully.
3. A big and important discovery that changes how we do something.
4. When someone works very hard without going up.
5. Something that is built like a building or a bridge.

Down:

1. When people use new ideas or a new way of doing something.
2. An idea or a thought.
3. When there is a lot of something or it covers a large area.
4. When something happens all the time without stopping.
5. Small devices that can detect or measure things.

WORD BANK:

- breakthrough
- innovative
- sensors
- continuously
- maintain
- structure
- tirelessly
- extensive
- concept
- monitor

THE LIFETIME LEARNER

No Prep Printable Worksheet!

CENTER 3

Pairs Activity

CONSTRUCTION WORLD RECORDS

Working in construction can mean being part of history, especially when building a world record. Here are some amazing examples of record-breaking buildings.







In Dubai, in the United Arab Emirates, you'll find the Burj Khalifa, the tallest building in the world at 2,717 feet tall. It has more floors than any other building and the longest-traveling elevators. The Burj Khalifa has a special **observation** deck, or lookout spot, on the 148th floor. Hundreds of visitors go up to the deck every day to see all of Dubai and the desert in the distance.

Another world record is in Saint Petersburg, Russia. They set a record for the longest nonstop concrete pour. To build a new tall building, workers poured concrete continuously for 49 hours, with a new truck coming every minute. This **uninterrupted** pouring was important because even a **brief** stop would have made the concrete weaker.

In Saudi Arabia, workers are building the Jeddah Tower, which will be taller than the Burj Khalifa. They will **surpass** the record around the year 2028. This new building will be about 3,280 feet tall. It will have **luxury** hotels, offices, and apartments.

In Norway, the Ryfast Tunnel is the longest tunnel under the sea, stretching 8.9 miles between Stavanger and the island of Strand. It lets cars drive below the ocean and **dramatically** cuts down travel time between the two areas.

THE LIFETIME LEARNER

1.  observation	 F. A place where you can look out and see things from up high.
2.  uninterrupted	A.  When something is happening without stopping.
3.  surpassing	B.  Going beyond or becoming greater than something else.

Hands-On Center:

Students put the two sides together to match each word with the correct definition.



No Prep Printable Worksheet!

CENTER 4

Synonym Puzzles







THE SMALLEST SKYSCRAPER

In Wichita Falls, Texas, you can find the world's smallest skyscraper called the Newby-McMahon Building. The town paid a businessman a lot of money to build a skyscraper 480 **feet** tall. The residents of the town expected to get a very tall building. But instead, the man was a con artist. He constructed a building only 480 inches high. The man said he had completed the contract **right** because people could walk from one end to the other in just a few steps using their **feet**. The businessman was able to keep a large portion of the money he was given. He only used a small amount of the money they paid on a **saw**, some bricks, wood, and **nails**. The rest he kept for himself.

The people in town were shocked when they **saw** it. Also, it was missing some features. It was a four-**story** building, but there was no way to reach the upper levels. There were no stairs installed. According to **stories** told by locals, they had to install a ladder on their own. The town also added staircases to the **right** side of the building years after that. To improve the inside, the town added **trim** to the baseboards.

When the skyscraper opened in 1919, it had six desks to work at on the first floor. It's been sold many times since it was first built and changed a lot. At one point, it was a salon that had hairstylists **trim** hair and ladies who painted **nails**. It is now a furniture re-selling business that the local people enjoy.

THE LIFETIME LEARNER

1.  feet	 F. The lower part of the leg we stand on.
2.  nails	K.  The hard, flat part at the tips of fingers and toes.
3.  saw	E.  Past tense of "see," meaning to view something.

Hands-On Center:

Students put each 4-piece puzzle together after reading the passage.



No Prep Printable Worksheet!

CENTER 5

Task Cards

- Construction workers wear safety equipment to protect them while working. In fact, most construction companies require their workers to follow dress codes while on a construction site. Long pants, hard hats, and gloves are some of the most common required protective gear that workers must wear. Using your inference skills, what does require mean?
- If you've gone past construction workers at night, you've probably seen their reflective safety vests. Regular fabric absorbs light. If you wear dark colors, you would be hard to see. It's important for worker's safety that they wear reflective vests so they are not invisible, shadowy, or hidden. Using the antonyms given as context clues, describe what reflective means.
- A hard hat is the most common type of safety gear. Hard hats are a recurrent and regular part of the safety uniforms you are familiar with. You see them frequently on a routine inspection of a site. It's important to use this basic day-to-day equipment piece to keep you protected? Tell what all 7 synonyms are used.

Name: _____

CONSTRUCTION PARAGRAPHS

- To require something means to make it a "must" or something that has to be done or worn.
- _____
- _____
- _____
- _____

Write the definition of each word in each box above as it is used in each paragraph.

Hands-On Center:

Students read each task card and write a response.



No Prep Printable Worksheet!

CENTER 6

Mystery Word

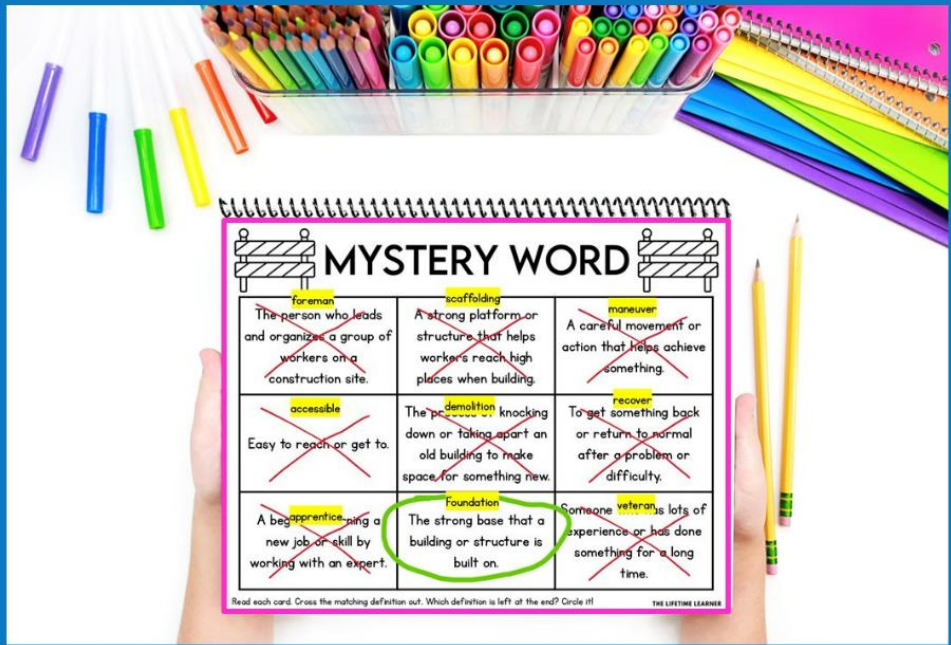
MYSTERY WORD		
The person who leads and organizes a group of workers on a construction site.	A strong platform or structure that helps workers reach high places when building.	A careful movement or action that helps achieve something.
Easy to reach or get to.	The process of knocking down or taking apart an old building to make space for something new.	To get something back or return to normal after a problem or difficulty.
A beginner learning a new job or skill by working with an expert.	The strong base that a building or structure is built on.	Someone who has lots of experience or has done something for a long time.

Read each card. Cross the matching definition out. Which definition is left at the end? Circle it!

- Excavators are big and tough machines used for a lot of hard and dirty work. However, when a deer was trapped in deep mud on a construction site in 2016, Bill Davis was able to maneuver the excavator to lift the deer from the mud and move it to safety.
- In 2017, several construction companies came together to build the first water park accessible to everyone. Water parks usually have difficult climbs, stairs, and pools that would be hard to enter if someone is in a wheelchair.
- In Los Angeles, there is a construction company that gives jobs to homeless veterans so they are able to make a living. These brave men and women fought for our country for years and need our support when they return to the USA.

Hands-On Center:

Read each card. Cross the phrases off to find which box is left at the end!



No Prep Printable Worksheet!

CENTER 7

Write a Sentence

PYRAMIDS IN GIZA

Don't learn about how construction began without studying one of the greatest achievements of all time: the Pyramids of Giza. In ancient Egypt, Pharaoh Khufu ordered the building of a huge pyramid that would stand as a Great Pyramid he created was the tallest structure in the world.

This pyramid was built with around 23 million blocks. Each block was carefully stacked to form a perfect pyramid. The pyramid rests on a square **foundation**, the base that supports a strong foundation is important in any building. The pyramid is perfectly level, something hard to do even with modern machinery.

Another amazing fact is how the ancient Egyptians used their knowledge of directions: each side of the square at the bottom of the pyramid faces north, south, east, and west. Without compasses, the ancient Egyptians knew the pyramid's exact placement.

Many people wonder how Egyptians moved the heavy stones. Archaeologists think they used a system of sleds on sand. Working on the pharaoh's pyramid was considered a great honor in Giza still inspire us today.

1. What does the word **precisely** mean in this passage? What clues are given in the passage about its meaning? (Hint: Look at the sentence after the sentence that uses "precisely".)



In this passage, "precisely" means exactly or accurately. The following sentence gives context clues because it talks about the "exact placement" using the stars.

Write the answer on the blank lines.

2. The word **stand** has more than one meaning. What does **stand** mean in this passage, and what is another meaning of the word?



In this passage, stand means to remain in place or continue to exist. Another meaning of stand is to rise to a standing position or to be upright.

Write the answer on the blank lines.
THE LIFETIME LEARNER

Hands-On Center:

Students write the answer to each prompt on the lines.



No Prep Printable Worksheet!

CENTER 8

This or That?

PHOTO OF CONSTRUCTION HISTORY

A famous picture of construction workers eating lunch high up in the air, with a steel beam above the city. This image was taken during the Great Depression. Many people were in a **state** of unemployment and could not find jobs.

In the 1930s, the construction of Rockefeller Center brought jobs and a new **wave** of hope to the USA. This massive building project needed hundreds of workers, providing much-needed jobs to families facing hard times. The building's owners wanted it to stand as a symbol of brighter days ahead.

One day, a photographer took a picture of 11 construction workers on a steel beam. The 11 men pictured were talking and eating their **box** lunches as if they didn't care in the world. With so many people in the world feeling **blue**, this picture was a reminder of the simple joys of life. It showed that they could rebuild what was lost. Interestingly, the image was actually a planned photo **shoot** and not a natural moment. The men were placed on the beam for the picture to show strength and unity. They took the picture to help change the way people **felt** about the situation they were experiencing. The photo was a success with the public. Many people found it inspiring when they saw it in the newspaper. It succeeded in giving people hope a better future **can** come when people work together and rebuild what was lost.

	a condition of how you are feeling	Many people were in a state of unemployment and could not find jobs.	an area in the USA	1.
	moving hands side to side in greeting	In the 1930s, the construction of Rockefeller Center brought jobs and a new wave of hope to the USA.	a feeling that gets stronger	2.
	to stop and rest	One day, a photographer took a picture of 11 construction workers on a lunch break.	to run something	3.
	a rectangular container	The 11 men pictured were talking and eating their box lunches as if they didn't have a care in the world.	to fight someone in a ring	4.

Hands-On Center:

Students put a checkmark on the side with the correct answer after reading the passage.



No Prep Printable Worksheet!

CENTER 9

Fill in the Blank

DRONES IN CONSTRUCTION

Do you know drones are becoming important tools in construction?

Drones _____, or small, unmanned aircraft, have started to play a big role in construction projects. They make work faster, safer, and more **efficient** _____.

One of the main uses of drones in construction is for mapping land. In the past, mapping a construction site could take days. Workers had to walk the land and record its ______. With drones, companies can map large areas quickly. A drone can fly over the area and send back pictures. These images show the land, including any trees, ditches, or ______. During the construction process, drones are also used to monitor progress. By flying over the site _____, drones can take pictures to show how the work is going. These _____ allow managers to keep track of what has been completed and what still needs to be done.

Safety is another benefit. On construction sites, there can be dangers like water leaks or loose rocks. Drones make it possible to check these areas without workers having to go through _____ zones. If something like a fallen rock appears, the drone will capture it and the team can fix it. Today, drones are becoming _____ in construction. Their ability to map and maintain safety on-site makes them valuable tools for companies looking to complete projects on budget.

THE LIFETIME LEARNER

WORD BANK:

Use the word bank to fill in the missing words from the passage.

- features
- essential
- **efficient**
- updates
- **drones**
- hazardous
- obstacles
- regularly

Hands-On Center:

Students read the passage and use words from the word bank to fill in the blanks as they read.



No Prep Printable Worksheet!

CENTER 10

Words & Definitions







CONSTRUCTION VEHICLES

Construction is hard work, but one of the best parts is getting to use awesome **vehicles**! One useful machine is the skid-steer loader. It's often just called a skid-steer loader. That's the name of the company that first made it. A skid-steer loader is a machine that can do many different tasks. In construction, people use it for **excavation** and **grading**. Grading in construction doesn't mean grading papers! Instead, it means leveling the ground to a certain height. The Bobcat smooths the ground. Excavation is the process of digging and removing soil to prepare a site. It's done to create space for basements or underground pipes and cables. Many people learn how to operate a Bobcat.

Another company in construction is John Deere. Their slogan is, "Nothing runs like a John Deere." This slogan is **memorable**, and it's helped people remember them. Their biggest machine, the John Deere 9620R tractor, is a **substantial** size at 25 feet long.

There are so many other machines in construction. Cranes are used to lift heavy loads like steel and concrete. **Compactors**, also called rollers, use heavy pressure to compact surfaces, like smoothing out concrete. Dump trucks are also helpful since they can carry large amounts of materials from one place to another. Learning about these machines is a great way to understand the hard work that goes into construction.

THE LIFETIME LEARNER

1. I am something that can do many different things. What am I? 	G.  versatile
2. I am the process of digging and removing soil or rocks to prepare for building. What am I? 	D.  excavation
3. I am the process of leveling or shaping the ground to make it ready for construction. What am I? 	F.  grading

Hands-On Center:

Students put the correct word next to each definition.

Name: _____

CONSTRUCTION VEHICLES

1. I am something that can do many different things. What am I? G. versatile	2. I am the process of digging and removing soil or rocks to prepare for building. What am I? D. excavation	3. I am the process of leveling or shaping the ground to make it ready for construction. What am I? F. grading	4. I am to make a machine or vehicle work. What am I? B. operate
5. I am a machine that can take you from one place to another. What am I? C. vehicle	6. I am something that is easy to remember. What am I? H. memorable	7. I am something big or important. What am I? E. substantial	8. I am a machine that flattens and smooths surfaces, like roads or dirt. What am I? A. compactor

Write the correct letter in each box. THE LIFETIME LEARNER

No Prep Printable Worksheet!

HOW TO USE THIS:

Ideas for Implementation:


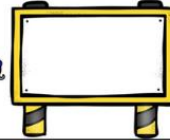
- pick and choose the centers you want to use: do what works best for your class!
- give less than 10 centers to students if you are short on time
- give students the whole day to complete all 10 centers/activities OR spread the room transformation out over a couple of days
- use the hands-on centers during your room transformation and the no-prep printables as a review during your reading block


CONSTRUCTION VEHICLES



Working in construction is hard work, but one of the best parts is getting to use awesome vehicles! One useful machine is the skid-steer loader. It's often just called Bobcat. That's the name of the company that first made it. A skid-steer loader is versatile, which means it can do many different tasks. In construction, people use it for excavation and grading. Grading in construction doesn't mean grading papers! Instead, it means leveling the ground to a certain height. The Bobcat smooths the ground. Excavation is the process of digging and removing soil to prepare a site. It's done to create space for basements or underground pipes and cables. Many people learn how to operate a Bobcat.


Another company in construction is John Deere. Their slogan is, "Nothing runs like a John Deere." This slogan is memorable, and it's helped people remember them. Their biggest machine, the John Deere 9620Rx tractor, is a substantial size at 25 feet long. There are so many other machines in construction. Cranes are used to lift heavy materials like steel and concrete. Compactors, also called rollers, use heavy pressure to level surfaces, like smoothing out concrete. Dump trucks are also helpful since they can carry large amounts of materials from one place to another. Learning about these machines is a great way to understand the hard work that goes into construction.



THE LIFETIME LEARNER


1. I am something that can do many different things. What am I?
 

G. 
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2. I am the process of digging and removing soil or rocks to prepare for building. What am I?
 

D. 
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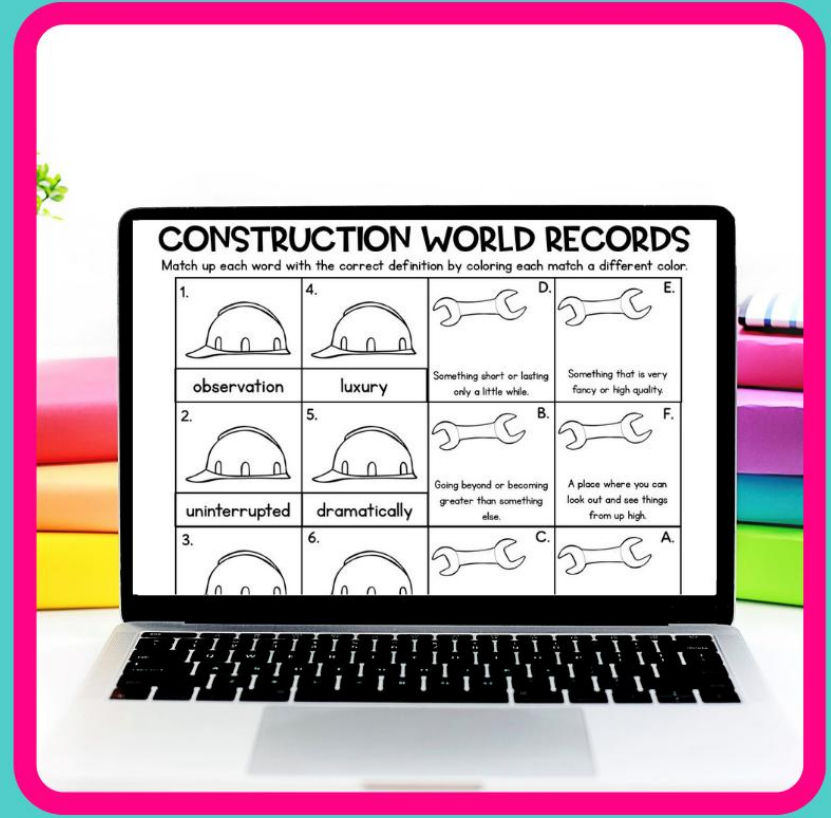
3. I am the process of leveling or shaping the ground to make it ready for construction. What am I?
 

F. 
grading

PRINT & DIGITAL




Print & Go









Google Slides

There is a digital version of the no-prep printables!


The no prep printable questions are 100% editable!

THE SMALLEST SKYSCRAPER 







Each word on the side has 3 synonyms in the table. Color each word in the table the correct color.

red 	feet	E. Past tense of "see," meaning to view something.	H. Opposite of left, a direction.	F. The lower part of the leg we stand on.
orange 	nails	L. To cut or make something neat by removing parts.	D. Decorative details added to something, like wood along the edges.	J. A level or floor in a building.
yellow 	saw	B. Thin, pointed metal fasteners used in construction.	K. The hard, flat part of the tips of fingers and toes.	A. A tool with a toothed edge used for cutting.
green 	story	C. Correct or accurate.	I. A unit of measurement equal to 12 inches.	G. A tale or narrative.
blue 	trim			
purple 	right			

Name: _____ THE LIFETIME LEARNER

THE SMALLEST SKYSCRAPER 


Each word on the side has 3 synonyms in the table. Color each word in the table the correct color.

red 	feet			F. The lower part of the leg we stand on.
orange 	nails			J. A level or floor in a building.
yellow 	saw			A. A tool with a toothed edge used for cutting.
green 	story			G. A tale or narrative.
blue 	trim			
purple 	right			

edit any question!

Name: _____ THE LIFETIME LEARNER

Center #1



Type here
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Name: _____ THE LIFETIME LEARNER

10 Pre-Made Centers
(Print & Go)

10 Pre-Made Centers:
Editable Version

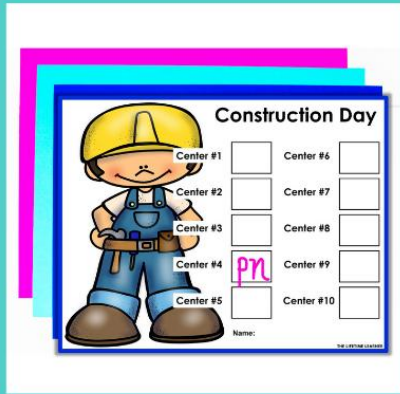
10 Blank Centers
To Add Your Own Content

3 Versions Included

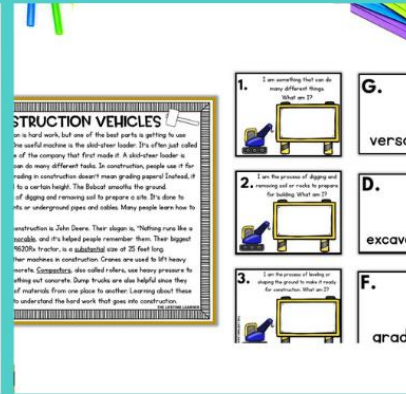
WHAT'S INCLUDED?



10 Color & B/W Posters



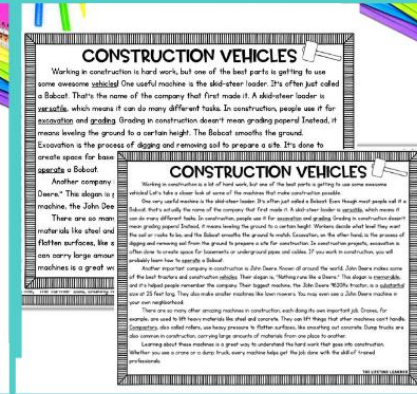
Recording Sheets



10 Hands On Centers



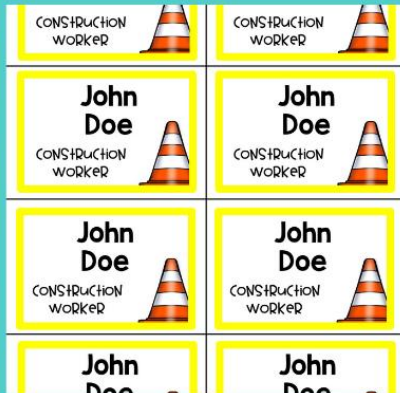
10 No Prep Printables



2 Versions of Passages & Activities



Printable Hats



Name Tags



Coloring Page



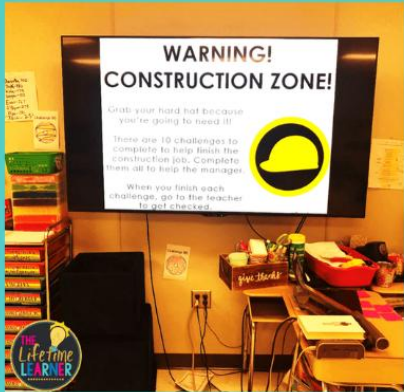
Folder Insert



Decor Posters

keep scrolling to see more!

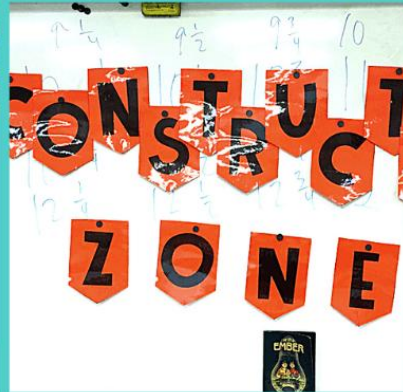
WHAT'S INCLUDED?



Welcome Slide



Editable Versions



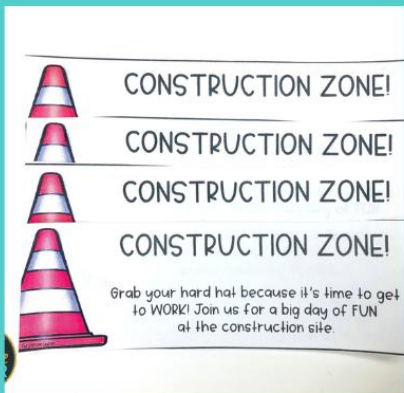
Banner



Certificate



Shopping Guide



Admission Tickets



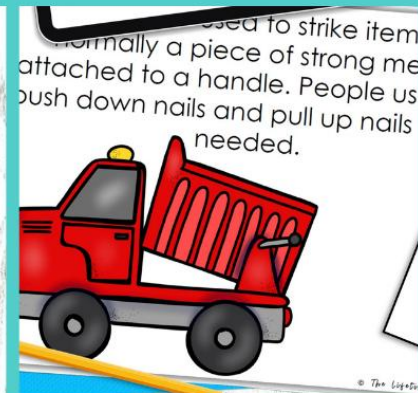
Digital Version



Answer Keys



QR Codes



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other resources this pairs well with:

Add in even more reading passages with an add-on pack!

Or, mix some math into your themed learning day!



CONSTRUCTION site ADD-ON PACK

EDITABLE

READING PASSAGES

GRADES 3-5 READING

By: The Lifetime Learner

Includes: MALLET MANIA, THE UN-HELPFUL HAMMER, HIS GRANDFATHER'S AXE



CONSTRUCTION site measure with rulers

3.MD.4

EDITABLE

ROOM TRANSFORMATION

3RD GRADE MATH

By: The Lifetime Learner



CONSTRUCTION site measurement WORD PROBLEMS

4.MD.2

EDITABLE

ROOM TRANSFORMATION

4TH GRADE MATH

By: The Lifetime Learner



CONSTRUCTION site measurement problems

5.MD.1

EDITABLE

ROOM TRANSFORMATION

5TH GRADE MATH

By: The Lifetime Learner



reading **MEGA BUNDLE**

CLASSROOM TRANSFORMATIONS

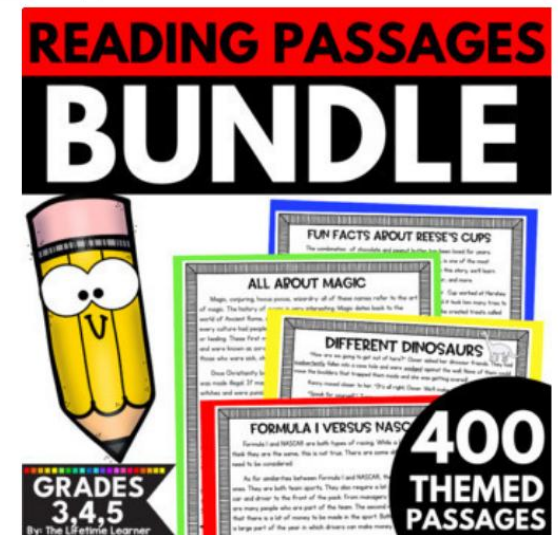
40 THEME DAYS!

THE LIFETIME LEARNER

GRADES 3-5

Includes: WEATHER, FALL, SCIENTIST, CIRCUS, SPACE, BELIEVER, COFFEE, BELEEK, PILOT, FARMER, ATHLETE, RELIGIOUS, PIRATE, DONUT, CANDY, SURGERY, AFRICAN, ARTIST, RACE CAR, BOOT

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GRADES 3,4,5

By: The Lifetime Learner

Includes: FUN FACTS ABOUT REESE'S CUPS, ALL ABOUT MAGIC, DIFFERENT DINOSAURS, FORMULA 1 VERSUS NASCAR

Add On Pack Bundle!

classroom transformations

low prep, fun, and engaging!



1st grade math



2nd grade math



3rd grade math



4th grade math



5th grade math



kindergarten math

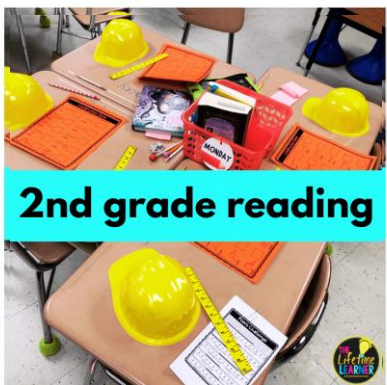
K-5 MATH & READING



kindergarten reading



1st grade reading



2nd grade reading



GR 3-5 reading comprehension



3-5 reading add-on packs



alphabet letters

THE LIFETIME LEARNER'S CLASSROOM TRANSFORMATIONS ARE:

1. Engaging to Students
2. Classroom Tested (and Student-Approved)
3. Print and Digital Compatible
4. Jam-Packed with Content
5. Aligned to Reading Standards
6. Easy to Implement
7. Flexible for Every Classroom
8. Versatile Ways to Reward Students
9. Rigorous Student Learning Activities

All content is included so you can simply **print**
and get ready for an **AMAZING** experience
with your students!



Please Note:

- **There are 10 reading challenges provided as well as décor, a fast finisher activity, and additional extras.**
- **The digital version is provided in Google Slides.**
- **Nervous about trying your first room transformation? You'll be hooked once you try one! I promise!**
- **Feel free to contact me if you have questions or want to chat about room transformations. You can email me at lindsaythelifetimelearner@gmail.com**